

10/519100
DT01 Rec'd PCT/PTC 27 DEC 2004**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A ~~[[S]]~~system for networking aeronautical equipment on board an aircraft ~~characterized in that it comprises~~ comprising, for each equipment item, an object-oriented interface ~~(1, 2; 3, 4)~~ with object aspect means ~~(1, 3)~~, enabling it to recognize the onboard equipment to which it is assigned ~~[[,]]~~ as an object ~~[[,]]~~ ~~in the object-oriented programming sense~~, capable of communicating with other objects ~~in the object-oriented programming sense~~ according to an object-oriented client/server model and with observer means ~~(2, 4)~~ recording the events resulting from operation of the equipment.

2. (currently amended): The ~~[[S]]~~system according to Claim 1, ~~characterized in that wherein, said~~ ~~[[an]]~~ object-oriented interface ~~(1, 2; 3, 4)~~ comprises an object aspect ~~(1, 3)~~ provided with subscription-based communication services.

3. (currently amended): The ~~[[S]]~~system according to Claim 1, ~~characterized in that wherein, said~~ object-oriented interfaces ~~(1, 2; 3, 4; 52, 53)~~ comply with a multi-vendor distributed applications protocol.

4. (currently amended): The ~~[[S]]~~system according to Claim 1, ~~characterized in that wherein, said~~ ~~[[the]]~~ object-oriented interfaces ~~(1, 2; 3, 4; 52, 53)~~ comply with the CORBA standard devised by the ~~[[]]~~Object Management Group~~[[]]~~.

5. (currently amended): The [[S]]system according to Claim 1, ~~characterized in that the wherein said~~ object-oriented interfaces (1, 2; 3, 4; ~~52, 53~~) comply with the Java Remote Method Invocation protocol ~~devised by Sun Microsystems, Java being a registered trademark of the latter company.~~

6. (currently amended): The [[S]]system according to Claim 1, ~~characterized in that the wherein said~~ object-oriented interfaces (1, 2; 3, 4; ~~52, 53~~) comply with the Simple Object Access Protocol devised by the [""]World Wide Web Consortium[""].

7. (currently amended): The [[S]]system according to Claim 1, ~~characterized in that the wherein said~~ object-oriented interfaces (1, 2; 3, 4) intercommunicate via an object ~~in the object-oriented programming sense~~, called an adapter object (9, 9'), provided with means of adapting the format of the messages and events generated by the object-oriented interfaces so that they can be understood by the recipient object-oriented interface.

8. (currently amended): The [[S]]system according to Claim 7, ~~characterized in that wherein~~ it includes a configuration object (15, 15') recognizing all the objects, ~~in the object-oriented programming sense~~, of the network and all the services, and handling the creation of the adapter objects (9, 9').

9. (currently amended): The [[S]]system according to Claim 7, ~~characterized in that wherein~~ an adapter object (9, 9') complies with the CORBA standard devised by the [""]Object Management Group[""].

10. (currently amended): The [[S]]system according to Claim 7, ~~characterized in that wherein~~ an adapter object (9, 9') complies with the Java Remote Method Invocation protocol. ~~devised by Sun Microsystems, Java being a registered trademark of the latter company.~~

11. (currently amended): The [[S]]ystem according to Claim 7, ~~characterized in that~~ wherein an adapter object (9, 9') complies with the Simple Object Access Protocol devised by the [""World Wide Web Consortium[""].

12. (currently amended): The [[S]]ystem according to Claim 1, used in an avionics system comprising a dedicated aeronautical bus [(51)], ~~characterized in that the~~ wherein said object-oriented interfaces (52, 53) are connected to their assigned equipment items via the dedicated aeronautical bus [(51)].

13. (currently amended): The [[S]]ystem according to Claim 1, used in an avionics system comprising a dedicated aeronautical bus [(51)], ~~characterized in that the~~ wherein object-oriented interfaces (1, 2; 52, 53) intercommunicate via the dedicated aeronautical bus (51).

14. (currently amended): The [[S]]ystem according to Claim 1, ~~characterized in that~~ wherein one of the aeronautical equipment items is an air traffic collision avoidance system TCAS and another aeronautical equipment item is a flight computer FMS.